

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PCT-4388	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/IT 00/ 00314	International filing date (day/month/year) 25/07/2000	(Earliest) Priority Date (day/month/year) 27/07/1999
Applicant SIGMA-TAU HEALTHSCIENCE S.p.A.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 2 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of Invention is lacking** (see Box II).

4. With regard to the **title**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

DEVICE FOR MONITORING FERTILITY IN WOMEN BY OBSERVING PHYSICAL CHANGES IN BODY FLUIDS

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

1

☐ None of the figures.

INTERNATIONAL SEARCH REPORT

National Application No.

PCT/IT 00/00314

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61B10/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61B G02B B01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 98 28075 A (RAMM PETER ;IMAGING RESEARCH INC (CA)) 2 July 1998 (1998-07-02) page 6, line 21 - line 24; figure 3	1
A	WO 98 19197 A (DELJANIN DRAGAN) 7 May 1998 (1998-05-07) page 9, paragraph 4; figure 1	1
A	US 5 572 370 A (CHO CASEY) 5 November 1996 (1996-11-05) column 3, line 1 - line 20; figure 8	1
A	US 5 639 424 A (RAUSNITZ GERALD J) 17 June 1997 (1997-06-17) column 2, line 27 - line 49; figure 1	1

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

10 November 2000

Date of mailing of the international search report

17/11/2000

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IT 00/00314

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9828075	A	02-07-1998	AU 5233598 A	17-07-1998
WO 9819197	A	07-05-1998	IT RM960239 U	30-04-1998
			AU 1395797 A	22-05-1998
			EP 0875016 A	04-11-1998
US 5572370	A	05-11-1996	NONE	
US 5639424	A	17-06-1997	AU 702547 B	25-02-1999
			AU 7472596 A	29-05-1997
			BG 62509 B	31-01-2000
			BG 102436 A	31-03-1999
			BR 9611345 A	28-12-1999
			CA 2200206 A	09-05-1997
			CN 1201528 A	09-12-1998
			CZ 9801359 A	11-11-1998
			EA 980405 A	29-10-1998
			EP 0876617 A	11-11-1998
			HU 9902207 A	29-11-1999
			JP 9512917 T	22-12-1997
			NO 981996 A	08-05-1998
			NZ 321400 A	30-08-1999
			PL 326549 A	28-09-1998
			SK 59698 A	02-12-1998
			WO 9717615 A	15-05-1997

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Name and mailing address of the ISA

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			PL 326549 A	28-09-1998
			SK 59698 A	02-12-1998
			WO 9717615 A	15-05-1997

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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1381/99 27 July 1999 (27.07.1999) CH

(71) Applicant (*for all designated States except US*):
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(CH).

(74) Agents: **CAVATTONI, Fabio et al.;** Cavattoni - Raimondi,
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(81) Designated States (*national*): AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

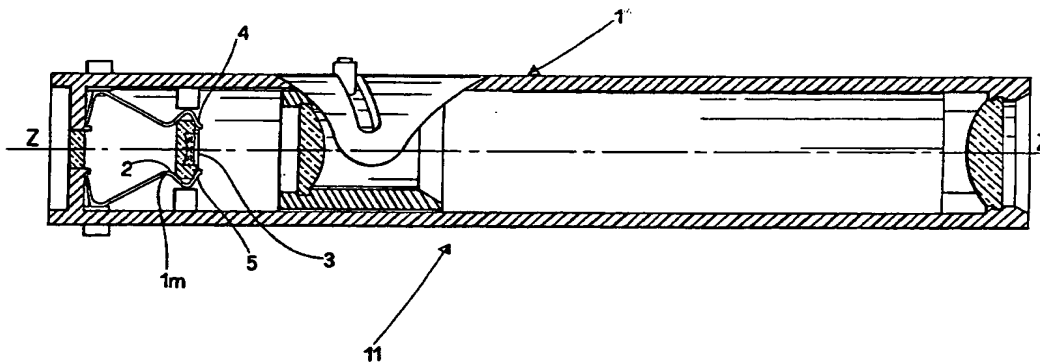
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

— *With international search report.*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **DEVICE FOR MONITORING FERTILITY IN WOMEN BY OBSERVING PHYSICAL CHANGES IN BODY FLUIDS**



(57) Abstract: A kit (11) is described for the detection of characteristics and parameters of body fluids such as saliva, urine and cervical mucus for the purposes of studying and identifying fertility periods in women, comprising a set of flat plate-shaped supports (3) for samples of said body fluids (F) and a viewer (1) provided with enlargement means, characterised in that each of said flat plate-shaped supports (3) for body fluid (F) presents a shallow basin or trap (3p) with a convex bottom entirely surrounded by a raised rim (3r), and is equipped with locking fins (3t) suitable for coupling with structural elements present on said viewer (1) so that it is irreversibly locked onto the latter in a desired relative position.

WO 01/06932 A1